

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 05013048  
PUBLICATION DATE : 22-01-93

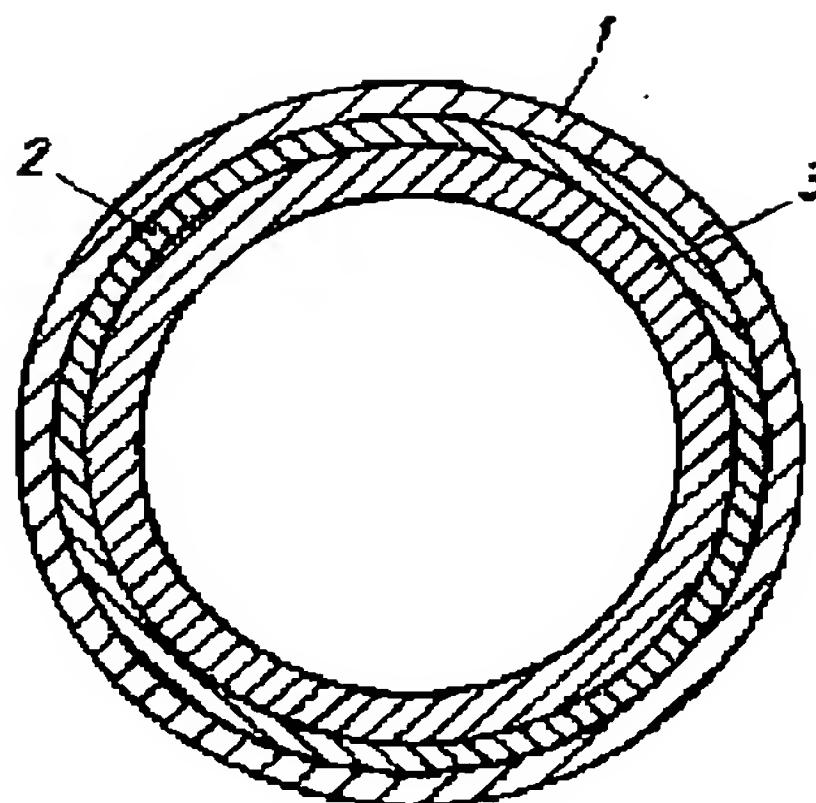
APPLICATION DATE : 04-07-91  
APPLICATION NUMBER : 03164334

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INVENTOR : AMANO TOYOICHI;

INT.CL. : H01J 61/35 C09K 11/08 H01J 61/44

TITLE : FLUORESCENT LAMP



ABSTRACT : PURPOSE: To suppress reduction in flux throughout life span by providing a phosphor layer including phosphate lanthanum powder on a protective film composed of a mixture of alumina fine particles and alkaline earth metal boric acid-phosphate fine powder.

CONSTITUTION: A protective film 2 composed of a mixture of fine particulate alumina and alkaline earth metal boric acid-phosphate fine powder is formed on the inner surface of a glass bulb 1, while a phosphor layer 3 including phosphate lanthanum powder is formed on the protective film 2. Initial flux of a lamp is improved thereby, while adhesion strength between the film 2 and the layer 3 is improved, and reduction in flux is reduced throughout the life span.

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